Mechanisms of Ageing and Development, 42 (1988) 291
Elsevier Scientific Publishers Ireland Ltd.

MECHANISMS OF AGEING AND DEVELOPMENT

AUTHOR INDEX

Volume 42

Bagnasco, M. 27
Baker, D.M. 139,147
Baldini, P. 17
Banjeree, D.K. 173
Baum, B.J. 173
Berkowitz, H. 105
Boden, B. 105
Bundman, M.C. 63

Canonica, G.W. 27
Caria, M. 27
Chance, B. 105
Ciprandi, G. 27
Cipro, G. 27
Cucchiarini, L. 37

Devirgiliis, L.C. 17
Dini, L. 17
Donlon, E. 105
D'Ancona, G. 239

Fornaini, G. 37

Giuliano, M. 239
Goldspink, D.F. 253
Gorenstein, C. 63

Hummel, B.C.W. 229

Incerpi, S. 17

Janse, C. 263,275

Kondo, H. 159
Kousvelari, E.E. 173

Laerum, O.D. 91
Lestienne, R. 197
Luly, P. 17

Magnani, M. 37
Mann, D.M.A. 1
Maris, J. 105
Mattheij, J.A.M. 75
McLaughlin, A. 105
Merry, B.J. 253
Mukherjee, A.B. 215
Murty, L. 173

Nomaguchi, T.A. 159

Ooka, H. 183

Piacentini, G. 37
Popelier, C.M. 263

Riise, T. 91
Roberts, V.J. 63
Rossi, L. 37

Santer, R.M. 139,147
Satrustegui, J. 105
Sawada, K. 229
Sletvold, O. 91
Slob, W., 263,275
Stenback, F. 129
Stocchi, V. 37

Taibi, G. 239
Tesoriere, G. 239
Tucker, C.M. 1

van Kemenade, J.A.M. 75
van Putten, L.J.A. 75,115
van Zwieten, M.J. 75,115
Vento, R. 239
Venuti, D. 27
Vogelaar, J.W. 263

Walfish, P.G. 229
Warnell, R. 105
Weinstein, M.E. 215
Weisburger, J.H. 129
Williams, G.M. 129

Yamamoto, K. 183
Yamamoto, M. 183
Yates, P.O. 1
Yin, F.C.P. 49
Yonezawa, Y. 159

Mechanisms of Ageing and Development, 42 (1988) 293—295
Elsevier Scientific Publishers Ireland Ltd.

MECHANISMS OF AGEING AND DEVELOPMENT

SUBJECT INDEX

Volume 42 (1988)

adrenergic innervation, ageing, autonomic nervous system, small intestine, image analysis, 147
adrenergic system, hemodynamics, arterial system, 49
β-adrenoreceptor, asparagine-linked oligosaccharides, man-*P*-dol synthase, dolichol pathway, salivary gland, 173
ageing, autonomic nervous system, adrenergic innervation, small intestine, image analysis, 147
ageing, protein synthesis, protein breakdown, lung growth, dietary supply, 253
aging, Gompertz function, Weibull function, survival, 275
aging, culture, molluscs (*Lymnaea stagnalis*), disease, survival characteristics, 263
aging, dimethylaminoethanol, longevity, neoplasms, 129
aging, erythrocyte viability, mouse, 37
aging, hemopoiesis, cell lines, maturation stages, circadian rhythms, seasonal differences, sinus function fitting, 91
aging, L-triiodothyronine, T3-sensitive hepatic and renal enzymes, malic enzyme, α-glycerophosphate dehydrogenase enzyme, 229
aging, neurons, lipofuscin granules, colchicine, lysosomes, organelle redistribution, 63
aging, pituitary, tumor incidence, immunocytochemistry, 115
aging, prolactin, immunochemistry, 75
aging, sympathetic neurons, autonomic nervous system, morphometrics, image analysis, 139
aging, T lymphocytes, T cell activation, monoclonal antibodies, T lymphocyte precursors, 27
aging of W1-38, media variations, 215
Alzheimer's disease, olfactory bulbs, senile plaques, neurofibrillary tangles, 1
arterial system, hemodynamics, adrenergic system, 49
asparagine-linked oligosaccharides, man-*P*-dol synthase, dolichol pathway, salivary gland, β-adrenoreceptor, 173
(Na/K)-ATPase, hepatocyte, insulin, plasma membrane, tyrosine aminotransferase, 17
autonomic nervous system, ageing, adrenergic innervation, small intestine, image analysis, 147
autonomic nervous system, sympathetic neurons, aging, morphometrics, image analysis, 139

cellular aging, human fibroblast, cell surface-charge, cell electrophoresis, 183
cell electrophoresis, human fibroblast, cell surface-charge, cellular aging, 183
cell lines, aging, hemopoiesis, maturation stages, circadian rhythms, seasonal differences, sinus function fitting, 91
cell proliferation, rat, old and young sera, rat fibroblasts, human fibroblasts, 159
cell surface-charge, human fibroblast, cell electrophoresis, cellular aging, 183
chick embryo liver, hydrocortisone, development, thymidine kinase, 239
circadian rhythms, aging, hemopoiesis, cell lines, maturation stages, seasonal differences, sinus function fitting, 91
colchicine, aging, neurons, lipofuscin granules, lysosomes, organelle redistribution, 63
Gompertz function, Weibull function, survival, aging, 275
culture, molluscs (*Lymnaea stagnalis*), aging, disease, survival characteristics, 263

development, hydrocortisone, chick embryo liver, thymidine kinase, 239
dietary supply, protein synthesis, protein breakdown, lung growth, ageing, 253
dimethylaminoethanol, aging, longevity, neoplasms, 129
disease, culture, molluscs (*Lymnaea stagnalis*), aging, survival characteristics, 263
dolichol pathway, asparagine-linked oligosaccharides, man-*P*-dol synthase, salivary gland, β-adrenoreceptor, 173

erythrocyte viability, aging, mouse, 37

Gompertzian mortality rate distribution, thermodynamical and biological interpretation, programmed longevity concept, 197

hemodynamics, arterial system, adrenergic system, 49
hemopoiesis, aging, cell lines, maturation stages, circadian rhythms, seasonal differences, sinus function fitting, 91
hepatocyte, insulin, plasma membrane, (Na/K)-ATPase, tyrosine aminotransferase, 17
human fibroblast, cell surface-charge, cell electrophoresis, cellular aging, 183
human fibroblasts, rat, old and young sera, cell proliferation, rat fibroblasts, 159
human muscle, phosphorus magnetic resonance spectroscopy, *in vivo* studies, phosphodiesters, 105
hydrocortisone, chick embryo liver, development, thymidine kinase, 239

image analysis, ageing, autonomic nervous system, adrenergic innervation, small intestine, 147
image analysis, sympathetic neurons, aging, autonomic nervous system, morphometrics, 139
immunochemistry, prolactin, aging, 75
immunocytochemistry, pituitary, aging, tumor incidence, 115
insulin, hepatocyte, plasma membrane, (Na/K)-ATPase, tyrosine aminotransferase, 17
in vivo studies, phosphorus magnetic resonance spectroscopy, human muscle, phosphodiesters, 105

L-triiodothyronine, aging, T3-sensitive hepatic and renal enzymes, malic enzyme, α-glycerophosphate dehydrogenase enzyme, 229
lipofuscin granules, aging, neurons, colchicine, lysosomes, organelle redistribution, 63
longevity, dimethylaminoethanol, aging, neoplasms, 129
lung growth, protein synthesis, protein breakdown, ageing, dietary supply, 253
lysosomes, aging, neurons, lipofuscin granules, colchicine, organelle redistribution, 63

malic enzyme, aging, L-triiodothyronine, T3-sensitive hepatic and renal enzymes, α-glycerophosphate dehydrogenase enzyme, 229
man-*P*-dol synthase, asparagine-linked oligosaccharides, dolichol pathway, salivary gland, β-adrenoreceptor, 173
maturation stages, aging, hemopoiesis, cell lines, circadian rhythms, seasonal differences, sinus function fitting, 91
media variations, aging of W1-38, 215
molluscs (*Lymnaea stagnalis*), culture, aging, disease, survival characteristics, 263
monoclonal antibodies, aging, T lymphocytes, T cell activation, T lymphocyte precursors, 27
morphometrics, sympathetic neurons, aging, autonomic nervous system, image analysis, 139
mouse, aging, erythrocyte viability, 37

neoplasms, dimethylaminoethanol, aging, longevity, 129
neurofibrillary tangles, Alzheimer's disease, olfactory bulbs, senile plaques, 1
neurons, aging, lipofuscin granules, colchicine, lysosomes, organelle redistribution, 63

old and young sera, rat, cell proliferation, rat fibroblasts, human fibroblasts, 159
olfactory bulbs, Alzheimer's disease, senile plaques, neurobibrillary tangles, 1
organelle redistribution, aging, neurons, lipofuscin granules, colchicine, lysosomes, 63

phosphodiesters, phosphorus magnetic resonance spectroscopy, *in vivo* studies, human muscle, 105
phosphorus magnetic resonance spectroscopy, *in vivo* studies, human muscle, phosphodiesters, 105
pituitary, aging, tumor incidence, immunocytochemistry, 115
plasma membrane, hepatocyte, insulin, (Na/K)-ATPase, tyrosine aminotransferase, 17
programmed longevity concept, Gompertzian mortality rate distribution, thermodynamical and biological interpretation, 197
prolactin, aging, immunochemistry, 75
protein breakdown, protein synthesis, lung growth, ageing, dietary supply, 253
protein synthesis, protein breakdown, lung growth, ageing, dietary supply, 253

rat, old and young sera, cell proliferation, rat fibroblasts, human fibroblasts, 159
rat fibroblasts, rat, old and young sera, cell proliferation, human fibroblasts, 159

salivary gland, asparagine-linked oligosaccharides, man-*P*-dol synthase, dolichol pathway, β-adrenoreceptor, 173
seasonal differences, aging, hemopoiesis, cell lines, maturation stages, circadian rhythms, sinus function fitting, 91

senile plaques, Alzheimer's disease, olfactory bulbs, neurobibrillary tangles, 1
sinus function fitting, aging, hemopoiesis, cell lines, maturation stages, circadian rhythms, seasonal differences, 91
small intestine, ageing, autonomic nervous system, adrenergic innervation, image analysis, 147
survival, Gompertz function, Weibull function, aging, 275
survival characteristics, culture, molluscs (*Lymnaea stagnalis*), aging, disease, 263
sympathetic neurons, aging, autonomic nervous system, morphometrics, image analysis, 139

T3-sensitive hepatic and renal enzymes, aging, L-triiodothyronine, malic enzyme, α-glycerophosphate dehydrogenase enzyme, 229
thermodynamical and biological interpretation, Gompertzian mortality rate distribution, programmed longevity concept, 197
thymidine kinase, hydrocortisone, chick embryo liver, development, 239
tumor incidence, pituitary, aging, immunocytochemistry, 115
tyrosine aminotransferase, hepatocyte, insulin, plasma membrane, (Na/K)-ATPase, 17
T cell activation, aging, T lymphocytes, monoclonal antibodies, T lymphocyte precursors, 27
T lymphocytes, aging, T cell activation, monoclonal antibodies, T lymphocyte precursors, 27
T lymphocyte precursors, aging, T lymphocytes, T cell activation, monoclonal antibodies, 27

Weibull function, Gompertz function, survival, aging, 275
α-glycerophosphate dehydrogenase enzyme, aging, L-triiodothyronine, T3-sensitive hepatic and renal enzymes, malic enzyme, 229